OneRemote INT Converter

Type 32002649

User Manual

Beocompatible Control

of

Comag SL90HD+ CI+

Everyday Control with Beo4, Beo5 or Beo6

GO GO	OK
*1	EPG
*1	Recall
*1	P+
*1	P-
GO 1	TV-RADIO
GO 2	Media
GO 3	Movie
GO 6	i
MENU	Menu
EXIT	Exit

1 As the coloured function keys have been assigned to other functions, they have to be preceded with a GO to retrieve their original coloured functions.

GO	**Green function**
GO	**Yellow function**
GO	**Red function**
GO	**Blue function (Timer)**

Playback and Recording

GO	Play *press 1 sec.*
GO 0	Play *alternative*
STOP	Stop
GO STOP	Pause
GO 8	Record
GO ◀◀ / ▶▶	Rew/ FF
GO ▲ / ▼	Next/ Previous
STOP ◀◀ / ▶▶	Rew slow/ FF slow

Other Controls

GO 4	Text local
GO 5	Menu *alternative*
GO 7	Mode
GO 9	Power manual

Controlling with Beolink1000

The preferred remote control for the OneRemote converter is the Beo4, but it may also be controlled with a Beolink1000.

The PLAY key on the old Beolink1000 remote control from Bang & Olufsen has the same function as the GO key on newer remote controls. Thus all control operations in the table above are possible with a Beolink1000. Simply replace the GO in the table with a PLAY .

The Beolink1000 remote control is equipped with a few keys not available on newer models, and the coloured keys found on Beo4 have to be entered as a two-key sequence.

Special Beolink 1000 Controls

GOTO	Recall
STORE	Exit
PLAY GOTO	EPG
PLAY STORE	FAV
SHIFT «	Green
SHIFT »	Yellow
SHIFT ▲	Blue (Timer)
SHIFT ▼	Red

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Getting Started

This receiver has been modified for operation in a Bang & Olufsen remote control system allowing full control with a Bang & Olufsen remote control terminal either directly or via connection to Bang & Olufsen equipment. Thus the receiver is Beolink compatible.

INT Internal Converter - How it Works

A OneRemote INT converter is a small microcomputer, which is specifically designed to be built into non-Bang & Olufsen equipment with a Scart output socket. The equipment could be a satellite receiver, a DVD player etc.

When controlled a Bang & Olufsen TV receives IR data from its remote control, a Beolink1000, Beo4, Beo5 or another.

When a Scart source is selected on the B&O TV that has peripheral equipment with a built-in INT controller connected, the TV echoes control data from the remote control to the equipment. This data is retransmitted via the Scart connection to the device. Control data flows through the existing Scart cable, and therefore no further cables are needed. The microcomputer then translates the B&O control data to data that controls the specific device that it is built into.

With a OneRemote OneWay or TwoWay cable the peripheral can be placed up to 25 metres away from the TV. It could be placed in another room, under a sofa or wherever suitable, as control data is handled via the Scart cable.

If both the TV and peripheral are equipped with a HDMI connection, a HDMI cable can be added to improve picture and sound quality.

If the Bang & Olufsen TV that the equipment is connected to is the main TV of a BeoLink system, this piece of equipment may be accessed and controlled from any link room.

If both the Bang & Olufsen TV and the receiver are equipped with a DVI or HDMI connection, these digital connections may be used to improve the quality of picture and sound.
The Scart connection is then used only for control.

OneRemote Control in a Bang & Olufsen System

To be able to control the equipment correctly with the Beo4 the user has to be familiar with controls with the original remote as described in the equipment's user manual.

The beo4 remote control is not equipped with many keys, so a 'layout' that works logically, even when shifting between different devices, has been designed. To get a universal layout for different devices, a few of the beo4 buttons have been redefined to other functions:

- ***Coloured buttons.***
  To make room for important functions the coloured buttons have been moved to a lower layer. To send a 'red' button command GO must be pressed before the red button. The same goes for the other 3 coloured buttons. This way the direct function of the coloured buttons has been reserved for important controls.
  In a OneRemote standard solution the red button is used as Back, Backup or return. The green button is used as EPG, Guide or similar. Finally the blue and yellow buttons are used for programme stepping.

- ***Programme stepping, up/ down manoeuvring in menus.***
  Most set top boxes or TVs have 4 arrow buttons for moving up, down, left and right in on-screen menus. In addition they have separate *programme stepping* buttons for zapping through programmes. B&O remote controls do not have separate buttons for programme zapping and menu manoeuvring.

  Therefore the OneRemote solution has the direct blue and yellow buttons to be used as programme stepping buttons. The four up, down, left and right buttons have been assigned for manoeuvring in on-screen menus, in a basic OneRemote setup.

  It is possible to programme the up and down arrow for programme stepping.
  See page 5 for option programming.

- ***Go or Stop shifted operation.***
  Some of the buttons have been assigned 2 or more functions. To get to these they have to be preceded with GO or STOP .
  Buttons that have been assigned secondary functions on this controller can be seen in the control table on page 1.

Option programming

The OneRemote converter in your receiver can be programmed with different options to fit different setups and needs.

An option programming is done by pressing a series of buttons in a special scheme that does not occur during daily use. A programming sequence must be ended within 3 seconds.

To abort an on-going programming sequence, press any other button than STOP or the numeric buttons 0 to 9 .

Option 7x – auto power down enable.

In some cases it is not desired that the receiver automatically powers down, when the TV is powered down. Use this option to enable or disable this feature

STOP STOP STOP STOP STOP STOP 7 1	*The receiver powers down with TV.*
STOP STOP STOP STOP STOP STOP 7 0	*the receiver never powers down.*

Option 8x – menu button block enable.

Some B&O TVs not only echoes the MENU button from the remote control to the device attached to the Scart socket, instead it opens the TV's own ON-screen menu. Use this option to avoid that the device acts on this command, if your setup has this conflict.

STOP STOP STOP STOP STOP STOP 8 1	*Use the MENU button.*
STOP STOP STOP STOP STOP STOP 8 0	*Ignore the Menu button..*